

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061719\  
 Data File : VV011556.D  
 Acq On : 17 Jun 2019 17:44  
 Operator : SY/MD  
 Sample : K3313-20  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Quant Time: Jun 18 09:18:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 18 08:42:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 190481   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 177242   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 68801    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 62108    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 47507    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.20% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 97875    | 3.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.40%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 187495   | 46.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 92.66%  |
| 24) Chloroform-d               | 4.40   | 84    | 123613   | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 72541    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.00%  |
| 32) Benzene-d6                 | 5.09   | 84    | 250592   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 77054    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 211700   | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.80%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 24255    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 141968   | 44.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.08%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 53231    | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 84.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 69158    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.80% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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